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sub)		CLAIMS
1	1.	A method of creating a graphical human-machine interface, comprising the steps of:
2		(a) providing a computer using a first operating system;
3		(b) providing a portable computing device in communication with the computer,
4		the portable computing device using a second operating system that is less
5		capable than the first operating system;
6		(c) generating on the computer a graphical human-machine interface operable on
7		the portable computing device; and
8		(d) transferring the graphical human-machine interface from the computer to the
9		portable computing device.
1	2.	The method of claim 1 further comprising, after step (c), the step of simulating on the
2		computer the operation of the graphical human-machine interface on the portable
3		computing device.
1	3.	The method of claim 1 further comprising the steps of:
2		(e) operating the graphical human-machine interface on the portable computing
3		device; and
4		(f) transmitting between the computer and the portable computing device
5		information related to the operation of the graphical human-machine
6		interface.
1	4.	The method of claim 1 wherein the graphical the human-machine interface is adapted
2		to control at least one process parameter.
1	5.	The method of claim 1 wherein step (c) comprises generating on the computer a
2		graphical human-machine interface operable on the portable computing device, the
3		graphical human-machine interface comprising a processor-independent graphical
4		human-machine interface object and a provided run-time engine specific to a selected

processor present on the portable computing device.



- 1 6. The method of claim 1 wherein the second operating system is Windows CE.
  - 7. The method of claim 1 wherein the portable computing device is a handheld portable computing device.



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8. A computer program recorded on a machine-readable medium, comprising:

- (a) a module that operates on a computer to allow a user of the computer to generate a graphical human-machine interface that is operable on a portable computing device, the computer uses a first operating system and the portable computing device uses a second operating system having less capability than the first operating system;
- (b) a module that operates on the computer to simulate the operation of the graphical human-machine interface on the portable computing device; and
- (c) a module that operates on the computer to transfer, from the computer to the portable computing device, the graphical human-machine interface.



The computer program of claim 8, further comprising:

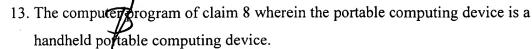
- (d) a module that operates on the computer to transfer, between the computer and the portable computing device, information related to the operation of the human-machine interface.
- 10. The computer program of claim 8 wherein the graphical human-machine interface comprises a graphical human-machine interface for process control.



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- 11. The computer program of claim 8 wherein the graphical human-machine interface comprises a processor-independent graphical human-machine interface object and a run-time engine specific to a selected processor.
- 1 12. The computer program of claim 8 wherein the second operating system is Windows CE.







- 14. A method of controlling a process, comprising the steps of:
  - (a) providing a computer using a first operating system;
  - (b) providing a portable computing device in communication with the computer, the portable computing device using a second operating system that is less capable than the first operating system;
  - (c) providing a graphical human-machine interface operable on the portable computing device, the graphical human-machine interface generated on the computer;
  - (d) operating the graphical human-machine interface on the portable computing device; and
  - (e) exchanging information between the computer and the portable computing device, so as to control at least one parameter of a process.
- 15. The method of claim 14 wherein step (d) comprises operating the graphical human-machine interface on the portable computing device to display both graphical information and alphanumeric information.
- 1 16. The method of claim 14 wherein the second operating system is Windows CE.
- 1 17. The method of thim 14 wherein the portable computing device is a handheld portable computing device.